



IEEE Xplore®

RELEASE 1.8

Welcome
United States Patent and Trademark Office



Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet


[Print Format](#)

Your search matched **24** of **1124699** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

pyramid <and> quantizing <and> speech

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Two-stage vector quantization-pyramidal lattice vector quantization and application to speech LSP coding

Jianping Pan;

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 2 , 7-10 May 1996
Pages:737 - 740 vol. 2

[\[Abstract\]](#) [\[PDF Full-Text \(400 KB\)\]](#) IEEE CNF

2 Optimal pyramidal decomposition for progressive multidimensional signal coding using optimal quantizers

Strintzis, M.G.; Tzovaras, D.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 46 , Issue: 4 , April 1998
Pages:1054 - 1068

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) IEEE JNL

3 A hardware processor for implementing the pyramid vector quantizer

Qureshi, Q.A.; Fischer, T.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 37 , Issue: 7 , July 1989
Pages:1135 - 1142

[\[Abstract\]](#) [\[PDF Full-Text \(700 KB\)\]](#) IEEE JNL

4 A memory-efficient fast encoding method for vector quantization using 2-pixel-merging sum pyramid

Pan, Z.; Kotani, K.; Ohmi, T.;

Acoustics, Speech, and Signal Processing, 2004. Proceedings. (ICASSP '04). IEEE International Conference on , Volume: 3 , 17-21 May 2004
Pages:iii - 669-72 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(253 KB\)\]](#) IEEE CNF

5 Rate-distortion adaptive vector quantization for wavelet image coding*Qun Gu; Budge, S.E.;*

Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE International Conference on , Volume: 6 , 5-9 June 2000
Pages:1903 - 1906 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE CNF](#)

6 Fingerprint compression using a piecewise-uniform pyramid lattice vector quantization*Kasaei, S.; Deriche, M.;*

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on , Volume: 4 , 21-24 April 1997
Pages:3117 - 3120 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

7 Optimum rate allocation in pyramid vector quantizer transform coding of imagery*Blain, M.; Fischer, T.;*

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '87. , Volume: 12 , Apr 1987
Pages:729 - 732

[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) [IEEE CNF](#)

8 An efficient pyramid image coding system*Anh Tran; Kwun-Min Liu; Kou-Hu Tzou; Vogel, E.;*

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '87. , Volume: 12 , Apr 1987
Pages:744 - 747

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) [IEEE CNF](#)

9 A hardware pyramid vector quantizer*Qureshi, Q.; Fischer, T.;*

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '87. , Volume: 12 , Apr 1987
Pages:1402 - 1405

[\[Abstract\]](#) [\[PDF Full-Text \(216 KB\)\]](#) [IEEE CNF](#)

10 Embedded speech coding based on pyramid CELP*Erdmann, C.; Vary, P.;*

Speech Coding, 2002, IEEE Workshop Proceedings. , 6-9 Oct. 2002
Pages:29 - 31

[\[Abstract\]](#) [\[PDF Full-Text \(330 KB\)\]](#) [IEEE CNF](#)

11 Pyramid CELP: embedded speech coding for packet communications*Erdmann, C.; Bauer, D.; Vary, P.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 1 , 13-17 May 2002
Pages:I-181 - I-184 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(387 KB\)\]](#) [IEEE CNF](#)

12 Image coding using pyramid vector quantization of subband coefficients*Tsern, E.K.; Meng, T.H.Y.;*

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE

International Conference on , Volume: v , 19-22 April 1994

Pages:V/601 - V/604 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) [IEEE CNF](#)

13 Image coding with overlapped projection and pyramid vector quantization*Lancini, R.; Marconetti, E.; Tubaro, S.;*

Acoustics, Speech, and Signal Processing, 1994. ICASSP-94., 1994 IEEE

International Conference on , Volume: v , 19-22 April 1994

Pages:V/593 - V/596 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(428 KB\)\]](#) [IEEE CNF](#)

14 Pyramid vector quantization applied to a video coding scheme for contribution quality*D'Alessandro, P.; Formenti, P.; Lancini, R.;*

Acoustics, Speech, and Signal Processing, 1993. ICASSP-93., 1993 IEEE

International Conference on , Volume: 5 , 27-30 April 1993

Pages:249 - 252 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(360 KB\)\]](#) [IEEE CNF](#)

15 Multirate codebook design with the entropy-constrained pairwise nearest neighbor (ECPNN) algorithm*de Garrido, D.P.; Pearlman, W.A.;*

Acoustics, Speech, and Signal Processing, 1992. ICASSP-92., 1992 IEEE

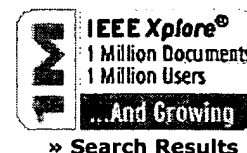
International Conference on , Volume: 3 , 23-26 March 1992

Pages:373 - 376 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE CNF](#)

[1](#) [2](#) [Next](#)


IEEE Xplore®
RELEASE 1.8

 Welcome
United States Patent and Trademark Office

[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

 Your search matched **47** of **1124699** documents.

 A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance** in **Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Spectral analysis of quantization noise in a single-loop sigma-delta modulator with DC input

Gray, R.M.;

Communications, IEEE Transactions on , Volume: 37 , Issue: 6 , June 1989

Pages:588 - 599

[\[Abstract\]](#) [\[PDF Full-Text \(788 KB\)\]](#) **IEEE JNL**

2 Quantization noise in the first-order non-feedback delta-sigma modulator with DC-input

Wisland, D.T.; Hovin, M.E.; Lande, T.S.;

Circuits and Systems, 2003. ISCAS '03. Proceedings of the 2003 International Symposium on , Volume: 1 , 25-28 May 2003

Pages:I-1005 - I-1008 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(286 KB\)\]](#) **IEEE CNF**

3 A novel technique to estimate the statistical properties of /spl Sigma/-/spl Delta/ A/D converters for the investigation of DC stability

Fraser, N.A.; Nowrouzian, B.;

Circuits and Systems, 2002. ISCAS 2002. IEEE International Symposium on , Volume: 3 , 26-29 May 2002

Pages:III-289 - III-292 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(475 KB\)\]](#) **IEEE CNF**

4 Double-loop sigma-delta modulation with DC input

He, N.; Kuhlmann, F.; Buzo, A.;

Communications, IEEE Transactions on , Volume: 38 , Issue: 4 , April 1990

Pages:487 - 495

[\[Abstract\]](#) [\[PDF Full-Text \(640 KB\)\]](#) **IEEE JNL**

5 Two-stage sigma-delta modulation

Wong, P.W.; Gray, R.M.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 38 , Issue: 11 , Nov. 1990
Pages:1937 - 1952

[\[Abstract\]](#) [\[PDF Full-Text \(1028 KB\)\]](#) IEEE JNL

6 Sequential vector quantization of directionally decomposed DCT coefficients

Dong Wook Kang; Jun Seok Song; Hee Bok Park; Choong Woong Lee;
Image Processing, 1994. Proceedings. ICIP-94., IEEE International
Conference , Volume: 1 , 13-16 Nov. 1994
Pages:114 - 118 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) IEEE CNF

7 Use of allpass networks to tune the center frequency of sigma delta modulators

Harris, F.; Caulfield, B.; McKnight, B.;
Signals, Systems and Computers, 1993. 1993 Conference Record of The Twenty-Seventh Asilomar Conference on , 1-3 Nov. 1993
Pages:1230 - 1234 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(268 KB\)\]](#) IEEE CNF

8 On the robustness of single-loop sigma-delta modulation

Gunturk, C.S.; Lagarias, J.C.; Vaishampayan, V.A.;
Information Theory, IEEE Transactions on , Volume: 47 , Issue: 5 , July 2001
Pages:1735 - 1744

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) IEEE JNL

9 Modeling modulators for A/D signal conversion

Byung Woog Cho; Pyung Choi; Byung Ki Sohn;
Circuits and Devices Magazine, IEEE , Volume: 14 , Issue: 6 , Nov. 1998
Pages:26 - 31

[\[Abstract\]](#) [\[PDF Full-Text \(3392 KB\)\]](#) IEEE JNL

10 DC-1 Gb/s burst-mode compatible receiver for optical bus applications

Ota, Y.; Swartz, R.G.; Archer, V.D., III;
Lightwave Technology, Journal of , Volume: 10 , Issue: 2 , Feb. 1992
Pages:244 - 249

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) IEEE JNL

11 Multistage sigma-delta modulation

Chou, W.; Wong, P.W.; Gray, R.M.;
Information Theory, IEEE Transactions on , Volume: 35 , Issue: 4 , July 1989
Pages:784 - 796

[\[Abstract\]](#) [\[PDF Full-Text \(852 KB\)\]](#) IEEE JNL

12 A new wavelet-based image coding using embedded vector quantizer

Abdelwahab, A.A.; Saad, E.M.; Gaber, S.;
Electrical and Computer Engineering, 2002. IEEE CCECE 2002. Canadian
Conference on , Volume: 2 , 12-15 May 2002

Pages:898 - 901 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(359 KB\)\]](#) IEEE CNF

13 Closed form solution of granular quantization error for multi-loop sigma-delta modulator configurations

Borsodi, T.P.; Nowrouzian, B.;

Circuits and Systems, 1995., Proceedings., Proceedings of the 38th Midwest Symposium on , Volume: 2 , 13-16 Aug. 1995

Pages:685 - 688 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF

14 Rigorous analysis of delta-sigma modulators for fractional-N PLL frequency synthesis

Kozak, M.; Kale, I.;

Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on] , Volume: 51 , Issue: 6 , June 2004

Pages:1148 - 1162

[\[Abstract\]](#) [\[PDF Full-Text \(872 KB\)\]](#) IEEE JNL

15 The Performance of Quantizers for a Class of Noise-Corrupted Signal Sources

Morris, J.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 24 , Issue: 2 , Feb 1976

Pages:184 - 189

[\[Abstract\]](#) [\[PDF Full-Text \(568 KB\)\]](#) IEEE JNL

[1](#) [2](#) [3](#) [4](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC](#) | [Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved